REV 6

QUIET CEILING DESIGN
HIGH LUMEN RECESSED DOWNLIGHT

SPECIFICATION SHEET
STATIC WHITE

Housing
Aperture : Ø7" | Oversize Trim : 8" | Ceiling Cutout : 6.7"
Maximum Ceiling Thickness : 2" | Height : 8"
Weight : 13.22 lbs (New Construction), 11.02 lbs (Retrofit)

Material
Housing : Extruded Aluminum
Reflector : Flow Forming Aluminum

Power Input
40W, 60W, 80W, 100W | 120V, 277V

Lumen Output
5,130 lm (40W), 8,150 lm (60W), 10,350 lm (80W), 11,300 lm (100W)

Dimming
Standard 0-10V : Dims to 10%
Superior 0-10V : Dims to 1%
DMX : High resolution dims to 0.1%
TRC : Linear line-voltage phase control, dims to 1%
LDE1 : Hi-Lume 1% EcoSystem LED Driver
DALI : dims to 10%

Color Quality	**Rated Life**
CRI 75, CRI 85, CRI 93	> 100,000 Hours (L70)

Finish

Black White

Color Temperature

2700K 3000K 3500K 4000K

Optics

40° 60° Wide

Warranty
5 Year limited warranty

Listing

Precision Engineered For High Performance.

The REV series are a revolutionary range of 4, 6 and 8-inch aperture recessed downlights that feature a deep, double optical reflector design with high efficacy performance.

All downlights feature Colorflip™ Warm Dim, Tunable White and Archi-Color® W+RGB technology for a truly versatile range of applications, and are available in new construction and retrofit configurations.

METEOR

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SPECIFICATION

PROJECT NAME

DATE

CATALOG #

QUANTITY

The product configurator function on this page works only with the latest version of Chrome or Adobe Acrobat Reader.

	MODEL	**RS6N** Rev 6 New Construction	**RS6R** Rev 6 Retrofit	
	WATTAGE	**40** 40W **100** 100W	**60** 60W	**80** 80W
	CCT / CRI	**278** 2700K / CRI 85 **309** 3000K / CRI 93 **408** 4000K / CRI 85	**279** 2700K / CRI 93 **358** 3500K / CRI 85	**308** 3000K / CRI 85 **359** 3500K / CRI 93
	VOLTAGE	**120** 120V	**277** 277V	
	DIMMING	**NOD** Non-Dimming **DMX** DMX dims to 0.1% (XLR Sockets) **LDE1** Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black	**STV** Standard 0-10V dims to 10% **DMXR** DMX dims to 0.1% (RJ45 Sockets) **DALI** DALI dims to 10%	**SPV** Superior 0-10V dims to 1% **TRC**[1] Linear line-voltage phase control, dims to 1%
	BEAM ANGLE	**40** 40°	**60** 60°	**WD**[2] Wide
	FINISH*	**BLK** Black	**WHT** White	**SSR**[3] Semi-Specular Reflector
	ACCESSORIES	**SPD**[4] Surge Protector **AWN**[6] Lutron Athena Wireless Node Standalone Module **SCA610**[9] Sloped Ceiling Adapter 8°-12° **SCA625**[9] Sloped Ceiling Adapter 23°- 27°	**EMP** Remote Emergency Pack **NX**[7] NX Radio Module Standalone Module **SCA615**[9] Sloped Ceiling Adapter 13°-17°	**DF**[5] Diffuser **GR8**[8] Goof Ring 8" to 10" **SCA620**[9] Sloped Ceiling Adapter 18°-22°

CLEAR FORM

[1] *TRC is not compatible with 277V, and requires a taller reflector*
[2] *WD option reduces delivered lumens by ~20%*
[3] *SSR is not compatible with WD, TRC, SCA*
[4] *Surge protector for up to 10KV. Applicable for unstable mains or facilities using high power machineries*
[5] *DF option reduces delivered lumens by ~12% (~20% with WD)*
[6] *AWN is not compatible with NOD, STV, DMX, DMXR, TRC, LDE1*
[7] *NX is not compatible with NOD, DMX, DMXR, TRC, LDE1, DALI*
[8] *GR8 Includes new reflector and is not compatible with RS6N*
[9] *SCA is not compatible with RS6R*
* *Finish indicates trim only, with standard matte silver reflector*

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TECHNICAL DETAILS

Electrical

- 5,130 lm (40W), 8,150 lm (60W), 10,350 lm (80W), 11,300 lm (100W)
- Power Input : 120V or 277V
- Operating Temperature : -20°F~112°F
- Surge Protection : Built-in is 4KV
- Emergency Pack with Mounting Plate : Philips Bodine BSL20B2UEK55C1I1
- Power Factor Greater than 0.9

LED Features

- Color Temperature : 2700K, 3000K, 3500K, 4000K
- CRI 75, CRI 85, CRI 93
- Long lasting LED luminaire tested under TM21 lumen maintenance L70 @ 100,000 Hrs

Optics

- Flow Forming Aluminum Reflector
- Beam Angle : 40°, 60°, WD (With diffuser)

Advanced Dimming

- Proprietary VX Driver™ is integrated across all dimming options, delivering video flicker-free performance and full compliance with IEEE 1789.
- Standard 0-10V : Dims to 10%
- Superior 0-10V : Dims to 1%
- DMX : High resolution dims to 0.1% (Supports ANSI E1.20 RDM protocol)
- TRC : Linear line-voltage phase control, dims to 1% (120V only)
- LDE1 : Hi-Lume 1% EcoSystem LED Driver with Soft-on, Fade-to-Black
- DALI : dims to 10%

New Construction Housing

- Aperture : Ø6.3" (New Construction), Ø7" (Retrofit)
- Height : 8"
- Weight : 13.22 lbs (New Construction), 11.02 lbs (Retrofit)
- Material : Extruded Aluminum (New Construction), High Pressure Aluminum (Retrofit)
- Non-IC Rated, insulation must be kept >1ft from housing
- Oversize Trim : 7.2" (New Construction), 8" (Retrofit)
- Ceiling Cutout : 6.7"
- Maximum Ceiling Thickness : 2"
- Tool-less top access allows service from above and below
- Light engine, optics, and driver(s) accessible from below ceiling
- Goof Ring 8" : Aluminum, standard white finish; O. D. 10"; other size and finish available, please inquire

*Note : C-Channel / Mounting Channels / T-Bar Hangers are purchased from a third party

Warranty

- 5-year limited warranty

Listing

- ETL Damp Location Listed
- FCC
- UKCA
- CE

PERFORMANCE SUMMARY*

Delivered Lumens				
CCT/WATTAGE	2700K	3000K	3500K	4000K
40W	4,570lm	4,800lm	4,890lm	5,130lm
60W	7,250lm	7,620lm	7,750lm	8,150lm
80W	8,860lm	9,480lm	10,050lm	10,350lm
100W	10,710lm	11,090lm	11,170lm	11,300lm

Current Consumption		
WATTAGE / VOLT	120V	277V
40W	0.37A	0.16A
60W	0.55A	0.24A
80W	0.73A	0.32A
100W	0.92A	0.40A

** Beam Angle 40° Tolerance ±8%*
** For specifications requiring a CRI of 93, apply a 0.75 multiplier to the lumen output values listed.*

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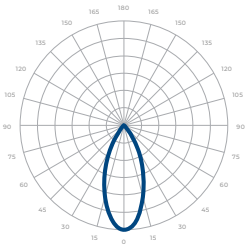
PERFORMANCE SUMMARY

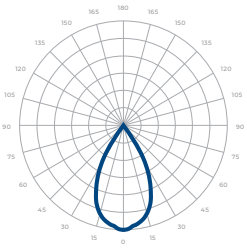
Emergency Pack Lumen Output Table			
CCT	2700K	3000K	4000K
LUMEN	1,640lm	1,760lm	1,890lm

PHOTOMETRICS

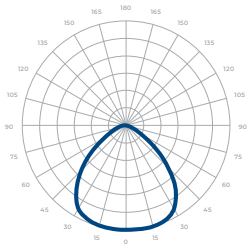
Below is a typical photometric representation of the Rev 6 fixture. Please download IES files to ensure exact photometric value.



40°



60°



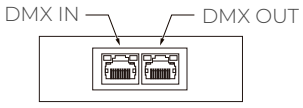
WIDE

DMX REQUIREMENTS

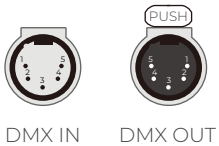
The Rev 6 fixture with DMX is a **single channel dmx** unit. When placing an order, please indicate DMX address. (The DMX address will be listed on the back of the fixture). Do not connect more than 32 fixtures per DMX daisy chain.

The fixture can be connected with RJ45 or XLR sockets. DMX cables **are not** included; please refer to compatible DMX cabling list for more information. The final fixture on each daisy chain should be terminated by the use of a DMX terminator purchased from a 3rd party or from Meteor.

CONNECTION	RJ45 (CAT5e)	5-PIN XLR
Common	WHITE/BROWN(PIN7) & BROWN (PIN 8)	PIN 1
Signal -	ORANGE (PIN 2)	PIN 2
Signal +	WHITE/ORANGE (PIN 1)	PIN 3
Spare	-	PIN 4
Spare	-	PIN 5



RJ45 Sockets



XLR Sockets

COMPATIBLE DMX CABLING LIST

DMX uses a cable consisting of two twisted pairs plus a shield to carry data. The cable must be specifically impedance matched for the digital DMX signal, meaning that microphone cable or other non-rated cable **must not be used to carry DMX**. Network cable (Cat5, 5e or 6 cable) may be used to carry DMX in an installation; however special consideration must be given to shielding and termination. Under no circumstances should solid core cable like Cat5 be terminated into a screw down connector.

Meteor recommends the use of Belden 9729 or Belden 9841 for DMX installation. Belden 9729/9841 is a two pair cable, which allows for a spare pair for 'out and back' type terminations if needed.

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COMPATIBLE TRC DIMMER LIST

PART NO.					
Lutron DVCL-153P	**Lutron** TGCL-153P	**Lutron** S-600P	**Lutron** SELV-300P	**Lutron** CT-103P	**Lutron** DV603P
Lutron MAELV600	**Lutron** FAELV500	**Lutron** SCL-153P	**Lutron** MACL-153M	**Lutron** DVLV600P	**Lutron** RRD-6CL
Leviton IPI06-1LZ	**Leviton** VPE06	**Leviton** 6673-10W	**Leviton** VPI06-ILT	**Leviton** 6161	**Leviton** LGCL-153PL
Leviton IPL06	**Cooper** DLC03P-W	**Cooper** SLC03P	**Cooper** DAL06P	**Cooper** AAL06A-C2	

COMPATIBLE LDE1 DIMMER LIST

LUTRON PART NO.						
RMJ-ECO32-DV-B	FCJ/FCJS-ECO	QSN-1ECO-S	QSN-2ECO-S	QSGRJ-_E	QSGR-_E	QP2-_ _ 2C
QP2-_ _ 4C	QP2-_ _ 6C	QP2-_ _ 8C	LQSE-2ECO-D			

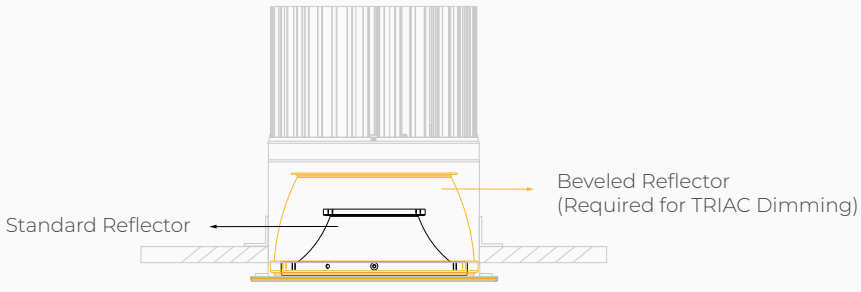
TRIM FINISH

Black Finish

White Finish

Semi-Specular Hyperbolic Trim

REFLECTOR SIZE



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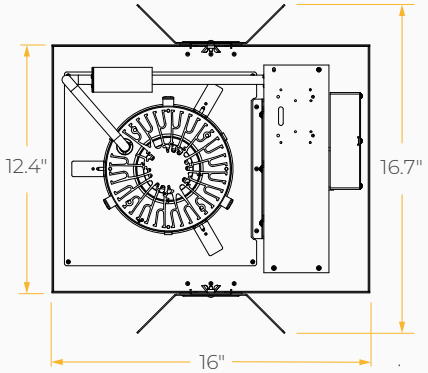
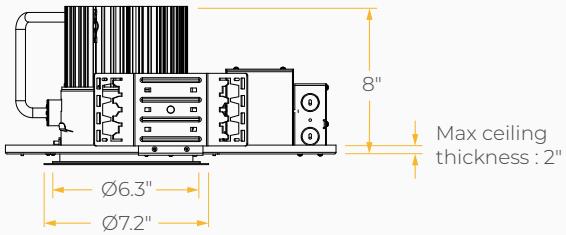
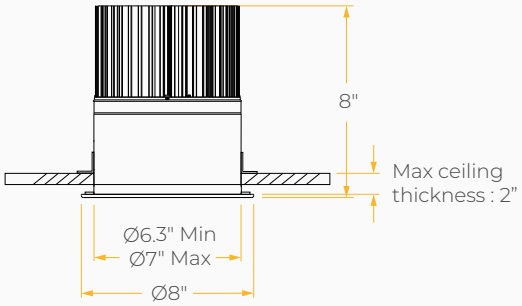
DIMENSIONS

New Construction

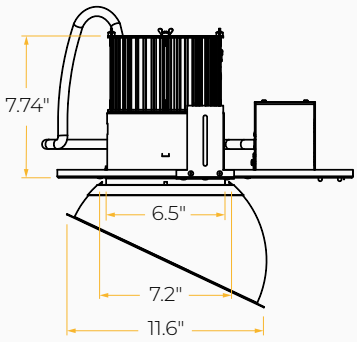




Retrofit



Sloped Ceiling Adapter



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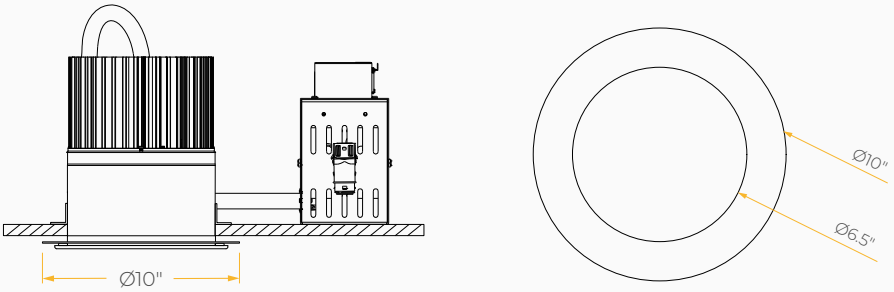
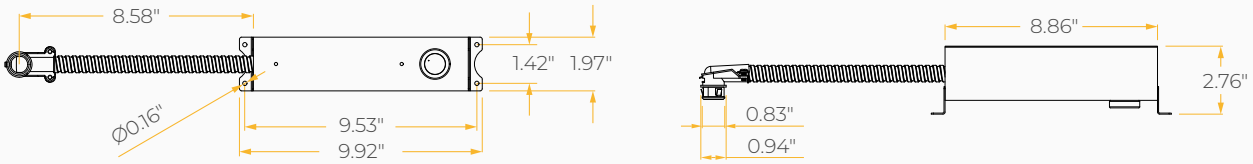
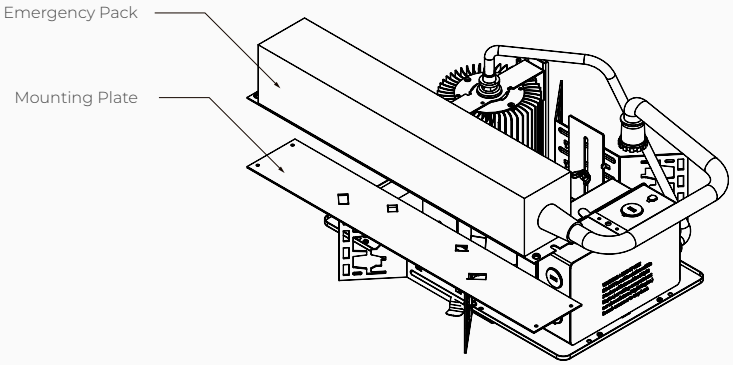
DIMENSIONS

Goof Ring 8"



Lutron Athena Wireless Node / NX Radio Standalone Module





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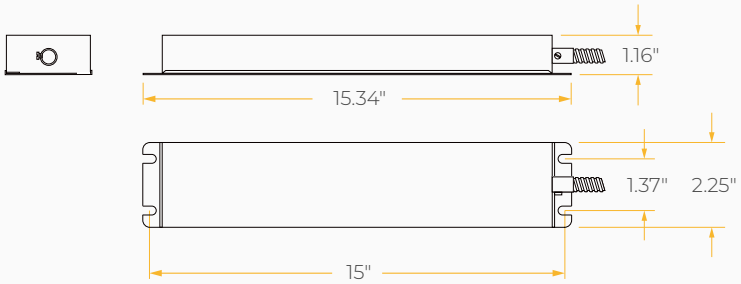
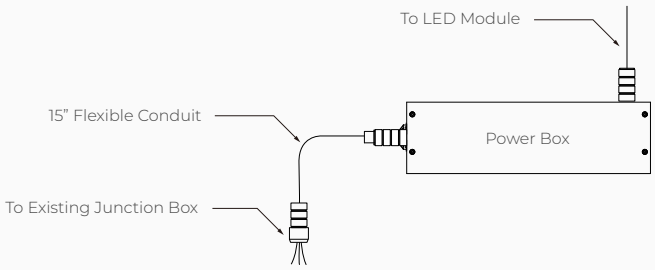
DIMENSIONS

Remote Emergency Pack



Powerbox Wiring Diagram



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